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Education:

Ph.D. Texas A&M University, 1984
M.S. Brigham Young University, 1976
B.S. Brigham Young University, 1974

Positions Held:

Chief, Fishery Management Branch, NMFS Galveston Laboratory, 1994 - Present.
Fishery Biologist (Research), NMFS Galveston Laboratory, 1986 - 1994.
Lecturer, Texas A&M University at Galveston, Department of Marine Biology, 1984 - Present.
Research Associate, Texas A&M University, Department of Civil Engineering, 1983.
Research Assistant, Texas A&M University, Department of Biology, 1979 - 1982.
Biologist (Research), Department of Defense, 1977 - 1978.
Research Assistant, Brigham Young University, 1974 - 1976.

Professional Memberships:

American Fisheries Society
American Institute of Fishery Research Biologists
Phi Kappa Phi
Phi Sigma
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Selected Publications:

Nance, J. M. 1989. Stock assessment for brown, white and pink shrimp in the U.S. Gulf of Mexico, 1960-1987. NOAA Technical Memorandum NMFS-SEFC-221, 65 pp.

Nance, J. M., E. F. Klima and T. E. Czapla. 1989. Gulf of Mexico shrimp stock assessment workshop. NOAA Technical Memorandum NMFS-SEFC-239, 41 pp.

Klima, E. F., **J. M. Nance**, E. X. Martinez and T. Leary. 1990. Workshop on definition of shrimp recruitment overfishing. NOAA Technical Memorandum NMFS-SEFC-264, 22 pp.

Nance, J. M., N. Garfield and J. A. Paredes. 1991. A demographic profile of participants in two Gulf of Mexico inshore shrimp fisheries and their response to the Texas closure. Marine Fisheries Review 53: 10-18.

Zimmerman, R. J., T. J. Minello, E. F. Klima and **J. M. Nance**. 1991. Effects of accelerated sea-level rise on coastal secondary production. In: S. Bolton (ed.), Coastal Wetlands, Coastal Zone 91 Conference - ASCE, p. 110-124.

Nance, J. M. 1992. Estimation of Effort for the Gulf of Mexico Shrimp Fishery. NOAA Technical Memorandum, NMFS-SEFSC-300, 12 pp.

Nance, J. M. 1993. Analysis of white shrimp closures in the Gulf of Mexico. NOAA Technical Memorandum, NMFS-SEFSC-321, 12pp.

Nance, J. M. 1993. Gulf of Mexico shrimp fishery recruitment overfishing definition; workshop 2. NOAA Technical Memorandum, NMFS-SEFSC-323, 12pp.

Nance, J. M. 1993. Review of the rock shrimp fishery off the east coast of the United States. NOAA Technical Memorandum, NMFS-SEFSC-324, 18pp.

Martinez, E. X., **J. M. Nance**, Z. Zein-Eldin, J. Davis, L. Rathmell and D. Emiliani. 1993. Trawling bycatch in the Galveston Bay System. The Galveston Bay National Estuary Program, Publication GBNEP-34, 184pp.

Nance, J. M. 1993. Effort Trends for the Gulf of Mexico Shrimp Fishery. NOAA Technical Memorandum, NMFS-SEFSC-337, 37 pp.

Renaud, Maurice, G. Gitschlag, E. Klima, A. Shah, D. Koi and **J. Nance**. 1993. Loss of shrimp by turtle excluder devices (TEDs) in coastal waters of the United States, North Carolina to Texas: March 1988 - August 1990. Fishery Bulletin 91: 129-137.

Nance, J. M., N. Garfield and J. A. Paredes. 1994. Studying the social impact of the Texas shrimp closure. Human Organizations 53(1): 88-92.

Nance, J. M., E. X. Martinez and E. F. Klima. 1994. Feasibility of improving the economic return from the Gulf of Mexico brown shrimp (*Penaeus aztecus* Ives) Fishery. North American Journal of Fishery Management 14(3): 522-536.

Caillouet, C. W., Jr., D. J. Shaver, W. G. Teas, **J. M. Nance**, D. B. Revera and A. C. Cannon. 1996. Relationship between sea turtle strandings and shrimp fishing effort in the Northwestern Gulf of Mexico: 1986-1989 vs 1990-1993. Fishery Bulletin: 94(2): 237-249.

Renaud, M. L., **J. M. Nance**, E. Scott-Denton and G. R. Gitschlag. 1996. Incidental capture of sea turtles in shrimp trawls. Chelonian Conservation and Biology: in press.

Scott-Denton, E. and **J. M. Nance**. 1996. Shrimp trawl bycatch research in the U.S. Gulf of Mexico and southeastern Atlantic, p. 369-371. In: F. Arreguín-Sánchez, J. L. Munro, M. C. Balgos, and D. Pauly (eds.). Biology, fisheries and culture of tropical groupers and snappers. ICLARM Conference Proceedings, in press.

Nance, J. M., and E. Scott-Denton. 1997. Bycatch in the Gulf of Mexico shrimp fishery, pp. 98-102. In: D. A. Hancock, D. C. Smith, A. Grant, and J. P. Beumer (eds.), *Developing and Sustaining World Fisheries Resources; The State of Science and Management*, 2nd World Fisheries Congress, CSIRO Publishing, Collingwood, Victoria, Australia, 797 p.

Zimmerman, R., **J. Nance**, and J. Williams. 1997. Trends in shrimp catch in the hypoxic area of the northern Gulf of Mexico, pp. 64-75. In: J. D. Giattina (ed.), *Proceedings of the First Gulf of Mexico Hypoxia Management Conference*; EPA Gulf of Mexico Program Office, EPA Report Number EPA-55-R-97-001, 198 pp.

Griffin W. L., A. K. Shah, and **J. M. Nance**. 1997. Estimation of standardized effort in the heterogeneous Gulf of Mexico shrimp fleet. Marine Fisheries Review 59(3): in press.

Watson, J., D. Foster, A. Shah, E. Scott-Denton, S. Nichols, and **J. Nance**. 1999. The development of bycatch reduction technology in the southeastern United States shrimp fishery. *Journal of the Marine Technology Society* 33 (2): 51-56.

Martinez, Eduardo X., and **J. M. Nance**. 1999. A review of cooperative research at the NMFS Galveston Laboratory conducted under the MEXUS-Gulf Program. *Rev. Soc. Mex. Hist. Nat.*, 49: in press.

Zimmerman, R. J. and **J. M. Nance**. 2001. Effects of Hypoxia on the Shrimp Fishery of Louisiana and Texas, pp. 293-310. In: N. Rabalais and R. E. Turner (eds.), *Coastal Hypoxia: Consequences for Living Resources and Ecosystems*. Coastal and Estuarine Studies 58, American Geophysical Union, Washington, D.C., 293-310 p.

Epperly, S., L. Avens, L. Garrison, T. Henwood, W. Hoggard, J. Mitchell, **J. Nance**, J. Poffenberger, C. Sasso, E. Scott-Denton, and C. Yeung. 2002. Analysis of sea turtle bycatch in the commercial shrimp fisheries of Southeast U.S. waters and the Gulf of Mexico. NOAA Technical Memorandum, NMFS-SEFSC-490, 92pp.

Gallaway, B. J., J. G. Cole, L. R. Martin, **J. M. Nance**, and M. Longnecker. 2002. Description of a simple electronic logbook designed to measure effort in the Gulf of Mexico shrimp fishery. North American Journal of Fishery Management: in press.

Gallaway, B. J., J. G. Cole, L. R. Martin, **J. M. Nance**, and M. Longnecker. 2002. An evaluation of an electronic logbook (ELB) as a more accurate method of estimating spatial patterns of trawling effort and bycatch in the Gulf of Mexico shrimp fishery. North American Journal of Fishery Management: in press.